

CLAIMS

1. A fluid composition that contains perfluorinated copolymer of ion exchange with functional groups  $-SO_3M$ , M-hydrogen ions or ions of alkali metals (EM greater than 5 900) and a polar organic solvent and a non-polar solvent, and as perfluorinated ion exchange copolymer, the composition contains a perfluorinated copolymer of ion exchange with a degree of crystallinity of 2 to 10% and a ratio between the density of the copolymer of ion exchange and the density of the original perfluorinated copolymer in non-ionic form of 0.90-0.97. The ratio of the components is, in % by 10 weight:
  - Perfluorinated copolymer of ion exchange 1-35
  - Organic polar solvent or Mixture of organic polar solvent with non-polar solvent 65-99
- 15 2. A composition according to claim 1, characterised in that as perfluorinated copolymer of ion exchange, it contains a hydrolysed copolymer of tetrafluoroethylene with vinyl ether that contains perfluorosulphide groups with an equivalent mass of 1000-2600.
- 20 3. A composition according to claim 1, characterised in that as perfluorinated copolymer of ion exchange, it contains a hydrolysed copolymer of tetrafluoroethylene with vinyl ether that contains perfluorosulphide groups and a third comonomer chosen from the group that includes perfluoro-2-methylene-4-methyl-1,3-dioxalane and perfluoroalkyl vinyl ether ( $C_1-C_3$  in alkyl) with an equivalent mass of 1000-2600.
- 25 4. A composition according to claims 1 to 3, characterised in that as polar organic solvent, it contains one or more solvents chosen from among the group that includes methanol, ethanol, isopropanol, n-propanol, isobutanol, acetone, methylethylketone, cyclohexanone, dimethylformamide, dibutylformamide, dimethylacetamide and 30 dimethylsulphoxide.
- 35 5. A composition according to claims 1 to 4, characterised in that as non-polar organic solvent, it contains one or more organic solvents chosen from the group that includes 1,1,2-trifluoro-1,2-dichloroethane, 1,1-difluoro-1,2-dichloroethane, 1,1,2-trifluorotrichloroethane, 1,1,1-trichlorobromoethane, 1,1-difluoro-1,2,2-

trichloroethane, pentane, hexane, heptane, benzene or toluene.

6. A fluid composition of claims 1 to 5 that has the following distinctive characteristic: it contains a polar organic solvent and a non-polar organic solvent in a ratio of masses  
5 of (1-10):1.